SRM 931g. This SRM is for the verification of the absorbance scales of ultraviolet and visible absorption spectrometers having narrow spectral bandpasses. SRM 931g consists of three sets of four solutions in scaled 10 ml. ampoules. The four solutions include a blank solution and three concentrations of an empirical morp prepared from high purity cobalt and nickel metals dissolved in a mixture of nitric and perchloric acids. The user must transfer the blank and standard solutions to cuvettes of known pathlength. The spectrum has absorption maxim at 302 m., 395 m., and 512 m., and a plateau in the region of 678 m at which the absorbance contribed. The mornial absorbances of the three empirical into graph colutions are 0.1, 0.2, and 0.3, respectively. It was verlength of 8 m., the nominal absorbances of the three solutions are 0.1, 0.2, and 0.3, respectively. The liquid filters may be used to verify absorption spectrometers with maximum spectral bandpasses ranging from 1.5 mt to 8.5 mt for the four wavelengths at which the absorbances are certified.

SRM 935a. This SRM is for the verification of the absorbances can get groun 1.0 nm to 8.5 mm to the four wavelengths at which the absorbances are certified.

SRM 935a This SRM is for the verification of the absorbance scales of universal exhapsing spectral bandpasses not exceeding 2 nm. Issued in 15 g units, SRM 935a consists of crystalline potassium dichromate of established purity. Solutions of ten known concentrations of this SRM in 0.001 N perchloric acid (between 20 mg/kg and 200 mg/kg) are certified absorbances are verified absorbances used well-defined conditions. The user must prepare the liquid solutions from SRM 935a and then transfer them to cuvettes of known pathlength. The certified specifical absorbances for the solutions prepared may be converted to their corresponding or the certified varieties. The spectrum has absorption maxima at 27 mm and 350 mm, and

SRM 2031a: This SRM is for the verification of the transmittance and absorbance scales of ultraviolet and visible absorption spectrometers. SRM 2031a consists of three individual non-fluorescent, fused silica filters in separate metal cuvette-style holders and an empty filter holder. The nominal transmittances of the three filters are 10%, 30%, and 90%. The quartz base plates of the 10% and 30% filters carry different thicknesses of semi-transparent chromium anneal that are optically contacted to quartz cover plates. The nominal 90% filter is a single clear quartz plate. The three filters are individually contacted to quartz cover plates. The nominal 90% filter is a single clear quartz plate. The three filters are individually contacted to quartz cover plates. The nominal 90% filter is a single clear quartz plate. The three filters are individually contacted to quartz cover plates. The nominal 90% filter is a single clear quartz plate. The three filters are individually contacted to quartz cover plates. The nominal 90% filter is a single clear quartz plate. The three filters are individually contacted to quartz cover plates. The nominal 90% filter is a single clear quartz plate. The three filters are individually contacted to quartz cover plates. The nominal 90% filter is a single clear quartz plate. The three filters are individually contacted to quartz cover plates. The nominal 90% filter is a single clear quartz plate. The three filters are individually contacted to quartz cover plates. The nominal 90% filter is a single clear quartz plate. The three filters are individually contacted to quartz cover plates. The nominal 90% filters is a single clear quartz plate. The three filters are individually contacted to quartz cover plates. The nominal 90% filters is a single clear quartz plate. The three filters are individually contacted to quartz cover plates. The nominal 90% filters is a single clear quartz plate. The nominal 90% filters is a single clear quartz plate. The nominal 90% filters is a single clear qua

SRM Description **Unit Size**